

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

CLARK et al

Serial No. 10/020,436

Filed: December 18, 2001

Atty Dkt. 179-54

C# M#

TC/A.U.1639

Examiner: T.D. Wessendorf

Date: December 7, 2004

Title: A METHOD FOR MAPPING THE ACTIVE SITES BOUND BY ENZYMES THAT COVALENTLY MODIFY SUBSTRATE MOLECULES

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

AMENDMENT UNDER 37 CFR §1.111

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

 Correspondence Address Indication Form Attached.**Fees are attached as calculated below:**

Total effective claims after amendment	16	minus highest number		
previously paid for	20	(at least 20) =	0	x \$ 18.00
				\$ 0.00

Independent claims after amendment	1	minus highest number		
previously paid for	3	(at least 3) =	0	x \$ 88.00
				\$ 0.00

If proper multiple dependent claims now added for first time, add \$300.00 (ignore improper)		\$ 0.00
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Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$430.00/2 months; \$980.00/3 months)		\$ 0.00
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Terminal disclaimer enclosed, add \$ 110.00		\$ 0.00
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<input type="checkbox"/> First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$790.00)		\$ 0.00
<input type="checkbox"/> Please enter the previously unentered , filed		
<input type="checkbox"/> Submission attached		

Subtotal	\$ 0.00
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If "small entity," then enter half (1/2) of subtotal and subtract	-\$	0.00
<input type="checkbox"/> Applicant claims "small entity" status. <input type="checkbox"/> Statement filed herewith		

Rule 56 Information Disclosure Statement Filing Fee (\$180.00)		\$ 0.00
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Assignment Recording Fee (\$40.00)		\$ 0.00
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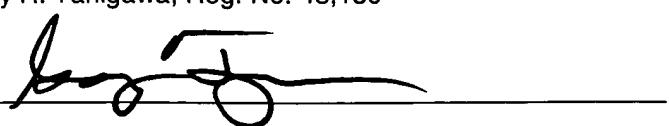
Other: ABSTRACT OF THE DISCLOSURE; COPY OF RULE 63 DECLARATION; REPLACEMENT SHEETS OF FIGS. 4-17; AND MARKED-UP AND CLEAN COPY OF SUBSTITUTE SPECIFICATION		\$ 0.00
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TOTAL FEE ENCLOSED	\$ 0.00
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The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON & VANDERHYE P.C.
 By Atty: Gary R. Tanigawa, Reg. No. 43,180

Signature: 



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Confirmation No.: 1671

CLARK et al.

Atty. Ref.: 179-54

Appln. No. 10/020,436

T.C. / Art Unit: 1639

Filed: December 18, 2001

Examiner: T.D. Wessendorf

FOR: A METHOD FOR MAPPING THE ACTIVE SITES BOUND BY ENZYMES THAT COVALENTLY MODIFY SUBSTRATE MOLECULES

* * *

AMENDMENT UNDER 37 CFR § 1.111

December 7, 2004

Mail Stop Amendment

U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action (Paper No. 11) mailed December 5, 2003 and the Notice of Non-Compliant Amendment mailed November 19, 2004, entry and consideration of the following amendments and remarks are respectfully requested.

Amended portions of the **specification** are presented on page 2-18.

The Abstract of the Disclosure is attached.

Marked-up and clean copies of the substitute specification are attached.

Additional drawings (Figures 4-17) are attached.

The **claims** are presented on pages 19-21.

Claims 1 and 12 are amended.

Claims 11 and 13-15 are canceled without prejudice or disclaimer.

Claim 17 is added.

Remarks begin on page 22.